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Trans. of Meditsinskaya Radiologiya (USSR) 1962, v. 7, no. 12, p. 38-40. (Abstract available)

DESCRIPTORS: \*Radiotherapy, \*Radiation injuries, \*Leucocytes, \*Phagocytosis, Contrast media, Microscopy, Diagnostic agents,

Small doses of penetrating radiation initially increase leukocyte motility. Following repeated irradiation there is a reduction in the total number of leukocytes and a noticeable reduction in their motility by comparison with the initial levels prior to irradiation. (Author)

(Biological Sciences--Radiobiology, TT, v. 11, no. 5)

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18 refs. FASEB manuscript no. S 2-2.

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Trans. of "Fiziologicheskii Zhurnal SSSR, 1962, v. 48,  
no. 2, p. 150-158.  
Another trans. is available from OTS or SLA \$1.60 as  
62-20306 [1962] [16]p.

DESCRIPTORS: \*Oxygen, \*Brain, \*High altitude,  
Atmosphere, Anoxia.

Seventeen to twenty-five seconds after dogs are exposed  
to an "altitude of 15,000 m, muscles relax, position  
reflexes are lost, and collapse ensues; after 55 to 105  
sec complete respiratory standstill sets in, indicating  
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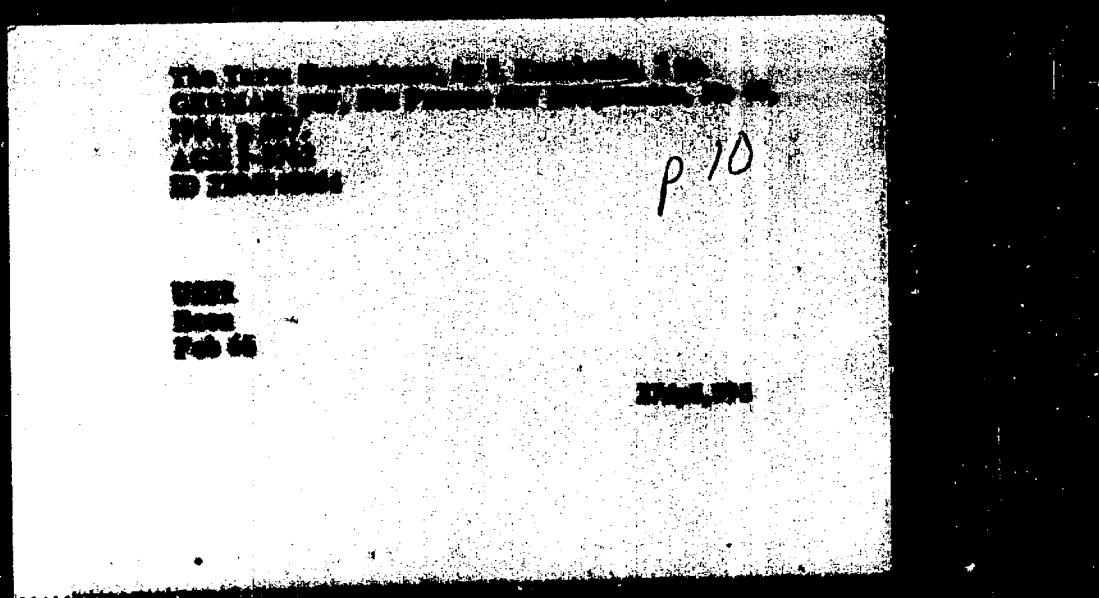
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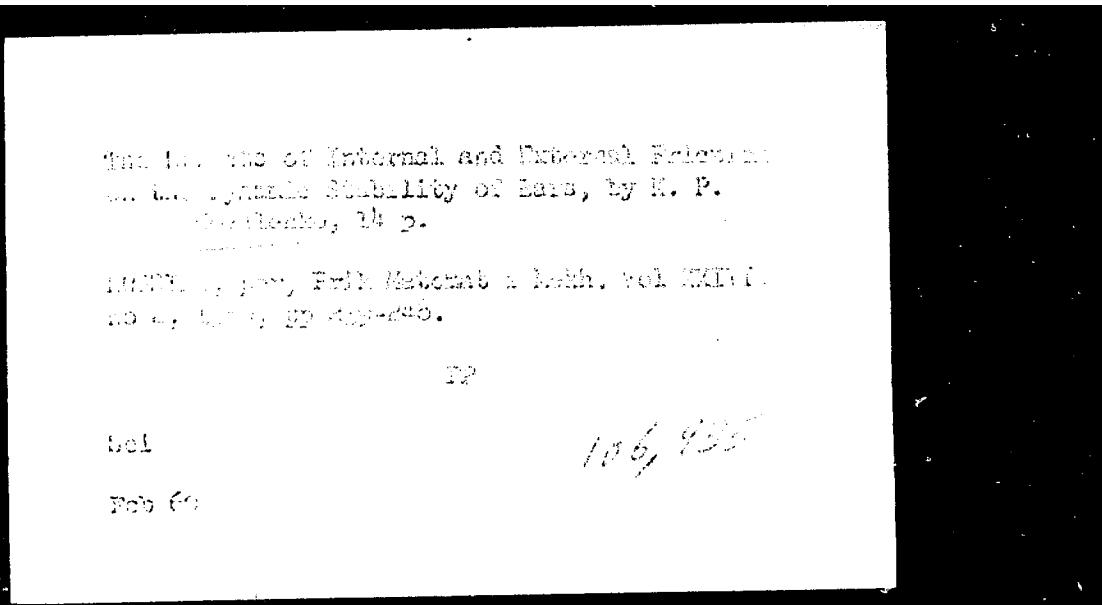
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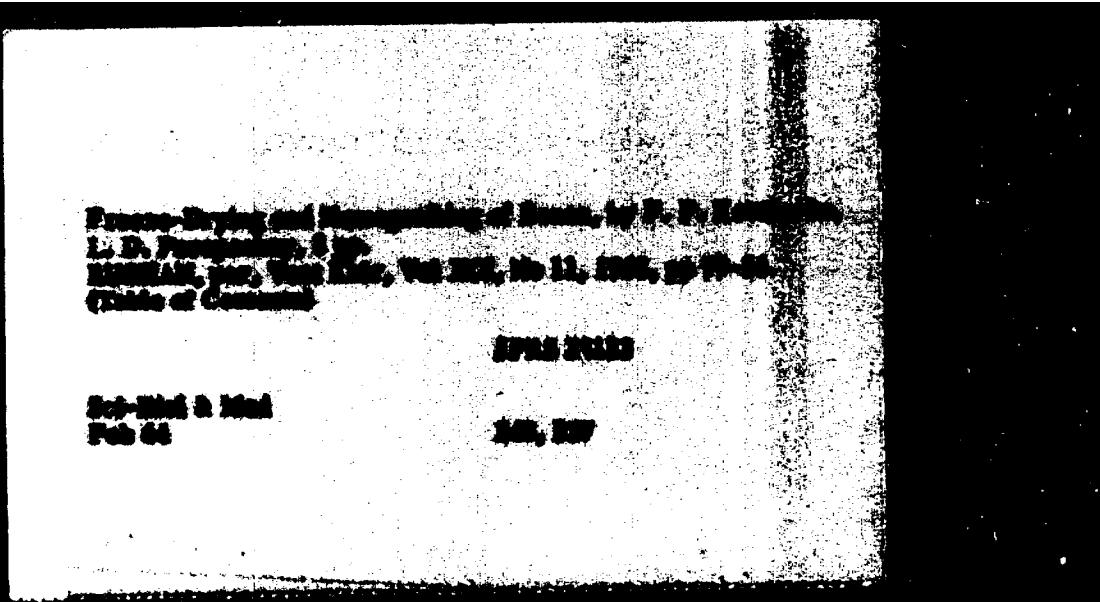
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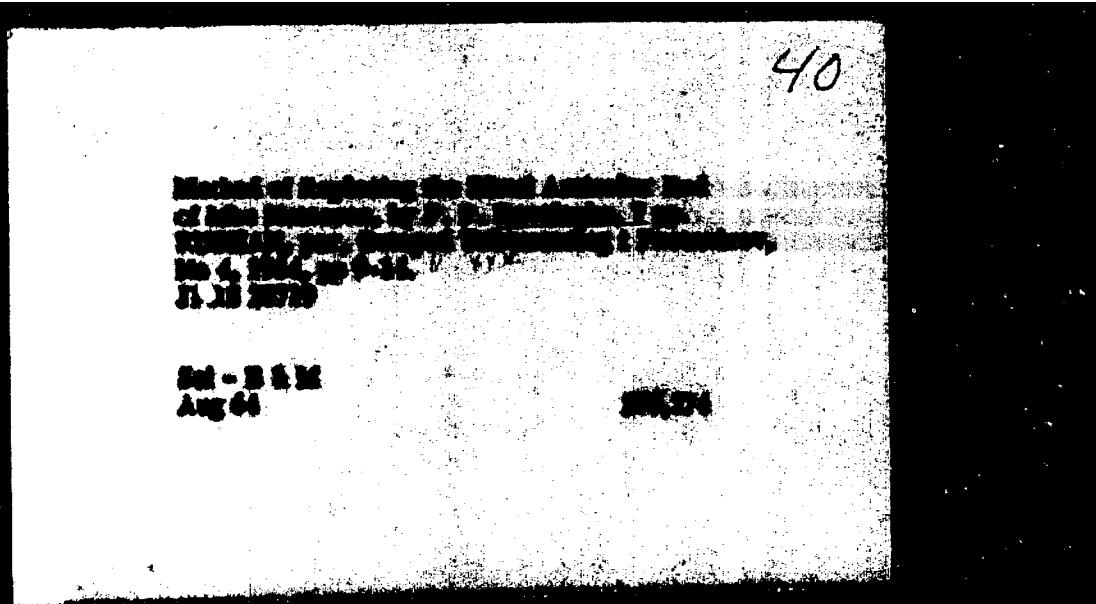
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